



JC07 Rec'd PCTO 25 APR 2005 PCT

Docket No. K21129USWO (C038435/0184145) #2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Bruno BURDET and August RUETTIMANN)
Serial No.: 10/521,972) Examiner: Not yet assigned
Filed: January 21, 2005) Art Unit: Not yet assigned
For: MANUFACTURE OF ISOFLAVONES)

New York, NY
April 21, 2005

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants wish to make of record the following documents (clean copies and a Form PTO-1449 listing the documents are enclosed). Some of the following documents were cited in the International Search Report, mailed January 14, 2004, in the International application corresponding to the above-captioned case.

FOREIGN PATENT DOCUMENTS

| | <u>Document No.</u> | <u>Date</u> | <u>Country</u> |
|----|---------------------|-------------|----------------|
| B1 | WO 02/085881 A1 | 10/31/2002 | PCT |

OTHER DOCUMENTS

- C1 Pivovarenko and Khilya, "*Mixed Anhydride of Acetic and Formic Acids in The Synthesis of Chromones. 2. Synthesis of 3-Arylchromones*," XP002211266 & Chem. Heterocycl. Compd. (Engl. Transl.), vol. 28, no. 5, pp. 497-502 (1992).
- C2 Pivovarenko, V.G. et al., "*Effective Synthesis of 7-Hydroxyisoflavone O-Glucosides*," XP002211268 & Chem. Nat. Compd. (Engl. Transl.), vol. 24, no. 4, pp. 432-38 (1988).
- C3 Chang, Yu-Chen et al., "*Microwave-Mediated Synthesis of Anticarcinogenic Isoflavones From Soybeans*," J. Agric. Food Chem., vol. 42, pp. 1869-1871 (1994).
- C4 Pivovarenko and Khilya., "*Acetoformic Anhydride in the Synthesis of Chromones. 1. Synthesis of 3-Hetarylchromones*," Chem. Heterocycl. Compound (Engl. Transl.), vol. 27, pp. 496-501 (1991).
- C5 Becket and Ellis, "*Benzopyrones. Part XII. Novel Synthesis of Some 3-Substituted Chromones*," Tetrahedron Letters, no. 9, pp. 719-720 (1976).
- C6 Krishnamurty and Prasad, "*A New Synthesis of Isoflavones Using 'Active Formate'*," Tetrahedron Letters, no. 35, pp. 3071-3072 (1977).
- C7 Strazzolini, P. et al., "*Acetic Formic Anhydride. A Review*," Tetrahedron, vol. 46, no. 4, pp. 1081-1118 (1990).
- C8 Becket, G.J.P. et al., "*Benzopyrones. Part XIII. Syntheses of Some 3-Substituted Chromones*," J. Chem. Research (S), p. 47 (1978).
- C9 Liu and Cheng, "*A Facile and Practical Preparation of 5,7-Dihydroxy-3-(4-nitrophenyl)-4H-1-benzopyran-4-one*," J. Heterocyclic. Chem., vol. 28, pp. 1641-1642 (1991).

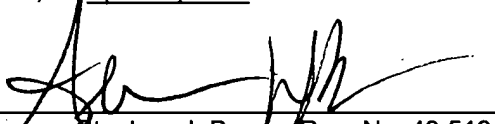
The Examiner's independent consideration of all of these documents and their relevance before issuance of the first official action is respectfully requested. The Examiner is also requested to initial and return a copy of the accompanying form PTO-1449 to evidence such consideration.

Copies of the International Search Report and International Preliminary Examination Report are included herewith. All documents cited in these reports are identified herein.

This Information Disclosure Statement is being filed in accordance with the provisions under 37 C.F.R. §1.97(b)(2), within three months of the date of entry of the national stage of the international application. Accordingly, no fee is believed to be due. If, however, a fee is due, please charge the same to Deposit Account No. 02-4467. A duplicate copy of this sheet is enclosed.

If the Examiner has any questions regarding this paper, please contact the undersigned attorney.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 21, 2005.


Stephen J. Brown, Reg. No. 43,519

Respectfully submitted,

By: 

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| Form PTO-1449 (Rev.) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.: K21129USWO (C038435/0184145) | APPLICATION NO.: 10/521,972 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT: Bruno BURDET and August RUETTIMANN | |
| | | FILED: January 21, 2005 | GROUP: Not Yet Assigned |

U.S. PATENT DOCUMENTS

| Examiner Initial | Cite No. | U.S. Patent Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|------------------|----------|-----------------------------|------|------|-------|----------|----------------------------|
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FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Subclass | Translation | |
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| | | | | | | | Yes | No |
| | B1 | WO 02/085881 A1 | 10/31/2002 | PCT | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| C1 | Pivovarenko and Khilya, "Mixed Anhydride of Acetic and Formic Acids in the Synthesis of Chromones. 2. Synthesis of 3-Arylchromones," <u>XP002211266 & Chem. Heterocycl. Compd. (Engl. Transl.)</u> , vol. 28, no. 5, pp. 497-502 (1992). |
| C2 | Pivovarenko, V.G. et al., "Effective Synthesis of 7-Hydroxyisoflavone O-Glucosides," <u>XP002211268 & Chem. Nat. Compd. (Engl. Transl.)</u> , vol. 24, no. 4, pp. 432-38 (1988). |
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| C5 | Becket and Ellis, "Benzopyrones. Part XII. Novel Synthesis of Some 3-Substituted Chromones," <u>Tetrahedron Letters</u> , no. 9, pp. 719-720 (1976). |
| C6 | Krishnamurty and Prasad, "A New Synthesis of Isoflavones Using 'Active Formate'," <u>Tetrahedron Letters</u> , no. 35, pp. 3071-3072 (1977). |
| C7 | Strazzolini, P. et al., "Acetic Formic Anhydride. A Review," <u>Tetrahedron</u> , vol. 46, no. 4, pp. 1081-1118 (1990). |
| C8 | Becket, G.J.P. et al., "Benzopyrones. Part XIII. Syntheses of Some 3-Substituted Chromones," <u>J. Chem. Research (S)</u> , p. 47 (1978). |
| C9 | Liu and Cheng, "A Facile and Practical Preparation of 5,7-Dihydroxy-3-(4-nitrophenyl)-4H-1-benzopyran-4-one," <u>J. Heterocyclic Chem.</u> , vol. 28, pp. 1641-1642 (1991). |
| EXAMINER | |
| DATE CONSIDERED | |
| Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |